# Use Attainability Analysis

for

WBID 2073 Birch Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

RECEIVED

Data Sheet A - Water Body Identification

2005 JUN 15 AM 7: 23

WATER PROTECTION PROGRAM

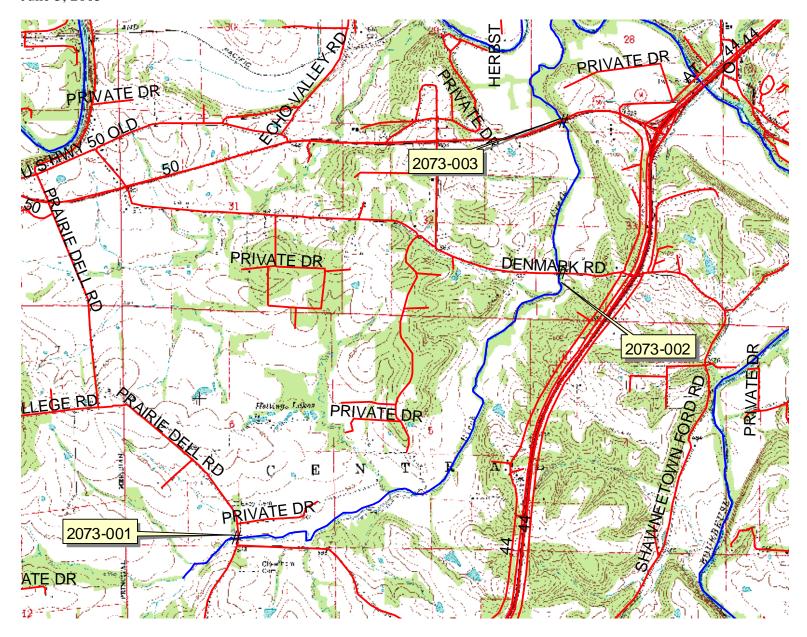
(from USGS 7.5' quad)	Birch ('reek
8-digit HUC:	714010
Missouri WBID#:	2013
County:	Franklin
Upstream Legal Description:	
Downstream Legal Description:	
Upstream Coordinates: (UGS 84, ddd.ddddd) 00 /	90.95511 /38.40581
Downstream Coordinates: (UGS 84, ddd.ddddd) 003	90.95511 /38.40581
Discharger Facility Name(s):	
Discharger Permit Number(s):	
Number of Sites Evaluated:	3
Name of Surveyor and Telephone Nu	umber: Mary Clark 573-526-1002
Organization:	DINNE
Position:	EST

Water Body Name:

Birch Creek

Water Body ID: 2073 Franklin County

June 3, 2005



#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#:	073 -00	1	Site Location De	scription:	
Site GPS Coordinates: 90		2.40	Bridge	at Prairie.	Dell rd.
Date & Time: 6-7-0		0	Facility Name:		
Personnel: Prisci	11a 5. M	ary	Permit Number:		
Current Weather Condition		i		ons for Past 7 days: rai	ryesterday
Photo Ids: Upstream:	-	nstream	: 03.00 Other		
Jses Observed*:					
	☐ Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping		] Fishing	None of the above	☐ Other:
Describe: (include numbe	r of individuals reci	eating,	frequency of use, photo-	documentation of evidence	of recreational uses, etc.)
Surrounding Condition	S*: (Mark all that p	romote	or impede recreational u	ses. Attach photos of evider	nce or unusual
tems of interest.)					T _
☐ City/county parks	☐ Playgrounds		OC conservation lands	Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ Nat	tional forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	Ste	ep slopes	Other: Good	Ripariaa
Evidence of Human Use	e <b>*:</b>			farming	, hay Lièlds
Roads	☐ Foot paths/prir	nts	☐ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
Other:					

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

September 29, 2004

<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

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2073\_001\_DS



# Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 💋	073 -00	2	Site Location De	scription:	
Site GPS Coordinates: 9			lowus	Fer crossing 1	Denomon bod
	7	150	Facility Name:	7 - 0705577 - 0	27/11/13/12/4
Personnel: P-1.5	illa S. M		Permit Number:		
Current Weather Condition		- hot		ons for Past 7 days:	in werterday
Photo Ids: Upstream:	- 1	nstream:	7298 Other		1
	<b>3</b>				
ses Observed*:	<del></del>				1
☐ Swimming	☐ Skin diving	□ S	CUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	□в	oating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	□ Fi	shing	None of the above	☐ Other:
		· · ·			
•	ns*: (Mark all that p	promote or i	mpede recreational u	ses. Attach photos of evider	nce or unusual
ms of interest.)	1		npede recreational u	ses. Attach photos of evider	nce or unusual
_	ns*: (Mark all that p  Playgrounds  State parks		onservation lands	<del>.</del>	
ms of interest.)  □ City/county parks	☐ Playgrounds		onservation lands	☐ Urban areas	☐ Campgrounds
ms of interest.)  City/county parks  Boating accesses  No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC o	onservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway
ms of interest.)  City/county parks  Boating accesses  No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC o	onservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway
ms of interest.)  City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC o	onservation lands al forests lopes	☐ Urban areas ☐ Nature trails ☐ Other: £asy	☐ Campgrounds ☐ Stairs/walkway
cms of interest.)  City/county parks  Boating accesses  No trespass sign  vidence of Human Use	☐ Playgrounds ☐ State parks ☐ Fence  Se*: ☐ Foot paths/prin	☐ MDC o	onservation lands al forests lopes  Dock/platform  Fire pit/ring	☐ Urban areas ☐ Nature trails ☐ Other: £asy	☐ Campgrounds ☐ Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

September 29, 2004

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	Physical Dime	nsions:			
	n (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
☐ Run Width	ı (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Pool Width	n (ft): 56/	Length (ft): 150	Avg. Depth (ft):	Max. Depth (ft):	215
☐ Flow Preser	nt? □XYes □	No ,	Estimated (ft <sup>3</sup> /sec): 40,50	45 veryst	أسا
Flow : Downstream Vi	Slowed h iew Physical Di	ng low water mensions:	bridge salgue	P	15. 4541
☐ Riffle Width	ı (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
☐ Run Width	ı (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Pool Width	n (ft): 50	Length (ft): 50	Avg. Depth (ft):	Max. Depth (ft):	1.75
☐ Flow Preser	nt? Yes [	□ No .	Estimated (ft <sup>3</sup> /sec):		
		at low was	la bridge		
Substrate*: (These % Cobb		ravel % Sar	nd % Silt	% Mud/Clay	% Bedrock
Vater Characteri	istics*: (Mark all	1.4			
Color:			hemical None	th Other 100	
COLOL.	Clear		hemical None	Other:	ry-
Bottom Deposit:	Clear	☐ Green ☐ G		Other:	ry- roe
	·····	☐ Green ☐ G	ray	Other:	ry-
Bottom Deposit:  Surface Deposit:  Comments: Please This information is necomprehensive undersidecision on the recreated, the undersigned datasheet is true and the surface of the surface	Sludge  Oil  e attach addition to be used solely standing of water course analysis but to hereby affirm and accurate.	Green G Solids G Solids G Solids G Solids G Solids G Solids G I So	ray	Other: Other: Other: Other:  Tiews) to this form. Is to provide a more to directly influence a t effect another use.  The station reported on the stat	this UAA



2073\_002\_DS



### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#	2073.003		Site Location Des	scription:	
	es:90,42268/30		Rai On	1 1/2005	at Birch Co
	2 2		Facility Name:	C. C = 9 50	Cr Co Co
		5:10 5:540tts	Permit Number:		
Personnel: ///a	<u> </u>	<u> ১ ১ চন ড</u>		ons for Past 7 days: Call	100.10
	onditions: Claar	mateoom: (n	7 7 Other:	ons for Past 7 days: rain	1 0 C C
Photo Ids: Upstrea	m: 0292/ Dow	nstream: n	2 7 5 Odier.	0276	70
Uses Observed*:					
☐ Swimming	☐ Skin diving	□ sc	UBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	□ Воа	ating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fisl	hing	None of the above	Other:
Describe: (include	number of individuals rec	reating, frequ	ency of use, photo-	locumentation of evidence	of recreational uses, etc.)
Sande	h place a	meles	bride	e	
Carrie	n Jood P		8		
nervae	n 4004 M	rents			<b>-</b> 74
		· · · · · · · · · · · · · · · · · · ·			
Surrounding Conc	litions*• (Mark all that :	$O(N)/\sqrt{N}$	nede recreational u	ses. Attach photos of evider	nce or unusual
items of interest.)	ittolis . (walk an alat)		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
☐ City/county par	rks	☐ MDC cc	enservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating access	es	☐ National	l forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sig	n	☐ Steep slo	opes	Other: Dasu a	ross down
				Trail n	ear Hwy
Evidence of Huma	ın Use*:			T	1
Roads		nts 🗆 I	Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Site	s DI	Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
☐ Other:					

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Riffle Width	(ft): 10	Length (ft): 🐊	Avg. Depth	(ft): 0,3	Max. Depth (ft):	<u>.5</u>
🗷 Run Width	(ft): 🕏	Length (ft):	O Avg. Depth	(ft):	Max. Depth (ft):	
X Pool Width	(ft): 10	Length (ft): 3	Avg. Depth	(ft): 15 11	Max. Depth (ft):	15 "
Flow Preser	t? EXYes	□ No	Estimated (	t³/sec): 🗸 ̪	L.O CES	
ownstream Vi	ow Dhysiaal	Dimansions			(Priscolla)	= eske
Riffle Width		Length (ft):	Avg. Depth		Max. Depth (ft):	
Kun Width		Length (ft):	Avg. Depth		Max. Depth (ft):	5
☐ Pool Width	(ft): 1	Length (ft): 4/	Avg. Depth	(ft): /2 //	Max. Depth (ft):	811
☑ Flow Preser	ıt? ⊠ Yes	□ No	Estimated (	ft³/sec):	1.8 04	7.S
<i>t</i> :					1 Priscill	25 408
strate*: (These		· · · · · · · · · · · · · · · · · · ·	% Sand 10	% Silt	% Mud/Clay	% Bedro
30 % Cobbi	c   Y/) //	Gravel 2	> % Sand / / Ø	70 SHL	70 IVIUU/Clay	70 Dear
	•					
ıatic Vegetatio			algal growth at the ass	essment site)		
12 of		ant of vegetation or a		essment site) 80% +	Stroom	1 cov
90% 10%	Close	growing her tour		essment site) 80%+	Stroome Channe	1 cov
90% 10% ter Characteri	Close File stics*: (Mark	all that apply.)	3	80%+	Stroame Channe	g cov
90% 10% ter Characteri	Close file stics*: (Mark	all that apply.)	G Chemical	80% +	Stroame Channe Other:	g cov
90% 10% ter Characteri	Close file stics*: (Mark	all that apply.)	3	80%+	☐ Other:	g cov
90% 10% ter Characteri Odor: Color:	Close file stics*: (Mark	all that apply.)  Green	Chemical Gray	80% + None    Milky	······································	g cov
90% 10% ter Characteri Odor: Color: Bottom Deposit:	Stics*: (Mark	all that apply.)  Green  Solids	Chemical Gray Fine sediments	80% + None   Milky   None	Other:	ee
90% 10% ter Characteri Odor: Color: Bottom Deposit: Surface Deposit:	Stics*: (Mark	all that apply.)  Green  Solids  Scum	☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam	80% + None   Milky   None	Other:	ee
90% ter Characteri Odor: Color: Bottom Deposit: Surface Deposit:	Stics*: (Mark	all that apply.)    Musky   Green   Solids   Scum	☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam including informa	None    Milky   None   None	Other: Ot	eelgal
90% ter Characteri Odor: Color: Bottom Deposit: Surface Deposit: mments: Please is information is no	Stics*: (Mark	all that apply.)    Musky   Green   Solids   Scum  onal comments (ely for removal of a	☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam including informate recreational use designments	None None None None none tion from intervention but rather i	Other: Ot	ee
ter Characteri Odor: Color: Bottom Deposit: Surface Deposit: mments: Please is information is no prehensive unders	Stics*: (Mark	all that apply.)    Musky   Green   Solids   Scum  onal comments ( ely for removal of a	☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam including informative designmently, this information	None None None None nation from intervenation but rather into is not intended	Other: Ot	ee
ter Characteri Odor: Color: Bottom Deposit: Surface Deposit: mments: Please is information is no prehensive unders	Stics*: (Mark	all that apply.)    Musky   Green   Solids   Scum  onal comments ( ely for removal of a	☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam including informate recreational use designments	None None None None nation from intervenation but rather into is not intended	Other: Ot	ee
ter Characteri Odor: Color: Bottom Deposit: Surface Deposit: mments: Please is information is no prehensive unders sion on the recreat the undersigned	stics*: (Mark  Sewage  Clear  Sludge  Oil  attach addition to be used solution use analysis  hereby affi	all that apply.)  Busky  Green  Solids  Scum  onal comments ( ely for removal of a conditions. Consect but may point to con-	Chemical Gray Fine sediments Foam including informating this informating that need fur	None None None None nation from intervenation but rather into is not intended ther analysis or that	Other: Ot	lgal
ter Characteri Odor: Color: Bottom Deposit: Surface Deposit: mments: Please is information is no prehensive unders sion on the recreat the undersigned asheet is true a	stics*: (Mark	all that apply.)    Musky   Green   Solids   Scum  onal comments ( ely for removal of a conditions. Consect but may point to condition to the best of the conditions.	Chemical Gray Fine sediments Foam including informating this informating that need fur	None None None None nation from intervenation but rather into is not intended ther analysis or that	Other: Ot	lgal
ter Characteri Odor: Color: Bottom Deposit: Surface Deposit: mments: Please is information is no prehensive unders sion on the recreat the undersigned	stics*: (Mark	all that apply.)    Musky   Green   Solids   Scum  onal comments ( ely for removal of a conditions. Consect but may point to condition to the best of the conditions.	Chemical  Gray Fine sediments Foam including informative designmently, this informative inditions that need furfactors for my knowledge,	None None None None nation from intervenation but rather into is not intended ther analysis or that	Other: Other: Other: Other: Views) to this forms to directly influence a the effect another use.	ee



2073\_003\_DS



